Mountain Weather Forecast

Lake District National Park

Forecast valid from 00:00 on Thursday 16 Dec 2021 until 23:59 on Friday 17 Dec 2021

Forecast Issued on Wednesday 15 Dec 2021 at 16:02

Confidence: High for largely dry, settled conditions throughout, but lower for details of cloud with a large area of high pressure becoming centred over the UK.

Headline for Thursday 16 Dec 2021: Mainly dry with rather a lot of cloud at times, brighter in east

Mountain weather hazards on Thursday 16 Dec 2021

Blizzards No Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** Medium Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 800m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Partly cloudy (night)	Partly cloudy (night)	Sunny intervals	Sunny intervals	Sunny intervals	Partly cloudy (night)	Partly cloudy (night)
Precipitation probability							
20%	10%	<05%	<05%	<05%	<05%	<05%	<05%

Forecast for Thursday 16 Dec 2021

Weather: Mostly cloudy across southern and western fells with a little drizzle possible, but drier across the north and east with clear or sunny spells developing.

Chance of cloud free mountain/hill tops above 800m: Little chance across southern and western fells but nearer 40% in the north and east.

Visibility: Periods or persistent cloud above 450-600m in the south and west with patches below, but cloud more occasional at times across the north and east. Otherwise visibility good falling to several kilometres in drizzle.

Check our weather forecast every day to get the most accurate and up to date information
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Forecast for Thursday 16 Dec 2021

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	17/21 SW	17/21 SW	17/21 SW	17/20 SW	15/18 SW	12/15 SW	10/12 SW	7/9 SW	6/8 SW
600	17/21 SW	16/20 SW	15/19 SW	14/18 SW	12/15 SW	12/17 SW	10/14 SW	8/11 SW	5/7 SW
300	6/15 SW	6/14 SW	5/12 SW	4/12 SW	4/11 SW	5/11 SW	4/9 SW	3/6 SW	2/5 SW
Valley	6/15 SW	5/13 SW	4/12 SW	3/10 SW	5/11 SW	5/11 SW	4/9 SW	3/6 S	3/5 S

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	4/-1	4/-1	4/-2	3/-2	3/-2	3/-1	3/-1	2/-1	2/-1
600	6/2	6/2	5/1	5/1	5/2	5/2	5/1	4/2	4/2
300	8/6	7/6	7/6	7/6	8/6	7/6	7/6	6/5	6/5
Valley	9/7	9/8	8/8	8/8	9/8	9/8	8/8	8/7	8/7
Freezing Level*	1700m	1500m	1500m	1800m	2000m	2000m	1900m	1900m	1900m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Nothing to add

Forecast for Friday 17 Dec 2021

Weather: Largely dry but rather a lot of cloud around, best chance of some sunnier or clearer spells expected across the higher fells as a marked, low temperature inversion develops.

Maximum wind: Southwesterly 10-15mph

Chance of cloud free mountain/hill tops above 800m: Around 25% especially through the afternoon, although many lower slopes will be cloud covered throughout.

Visibility: Periods or persistent cloud 300-450m, although higher summits likely to be above the cloud tops at times, especially in the afternoon. Visibility below cloud rather hazy but excellent on any summits above the cloud

Temperature: **Valleys:** Plus 6 or 7 Celsius
At 800m: Around plus 3 Celsius rising to plus 5 Celsius later
Freezing level: Above the summits

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Ground Conditions Supplement

Date: Wednesday 15 December 2021. Location: Hallsfell Top at 15:13. Full report: Today's readings are from the summit of Blencathra, where low cloud and persistent drizzle were the main features of today's weather. Sharp Edge is free of snow with just a few small patches that are generally easy to avoid along the main summit ridge. Thawing conditions continue to melt existing snow, however, overnight temperatures on the higher tops may be close to or below freezing so any remaining patches may be frozen and slippery in the morning. Over on Helvellyn, yesterday's report indicates that the exit slopes of Swirral and Striding Edges both have a steep band of unavoidable snow guarding the exits onto the plateau. Walkers are advised to carry an ice axe and crampons or microspikes to negotiate this safely. Despite summit temperatures being above freezing, the wind chill (feels like temperature) is still generally below zero so full winter clothing (warm and waterproof) including a hat and gloves and equipment including a map, compass and headtorch are all essential. Temperature: plus 4.7 C, Maximum wind speed 24.6 mph, Wind chill: minus 1.7 C, Average wind speed: 18.6 mph

Issued at: 1602 on Wed 15 Dec 2021

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